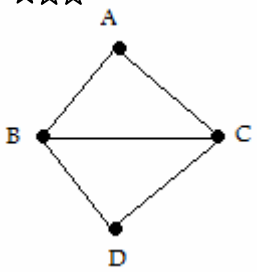
Name_____
Due Date_____
Block_____

Shapes and Angle Relationships Practice Test #1.1

1. ☆☆☆

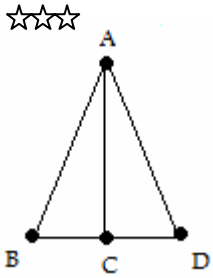


Given : $\overline{AB} \cong \overline{BD}$

$\overline{BC}$ bisects $\measuredangle ABD$

Pr*ove* : $\overline{AC} \cong \overline{CD}$

2. ☆☆☆

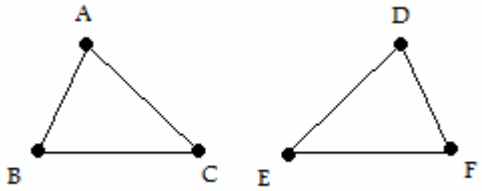


Given : C is the midpoint of $\overline{BD}$

$\measuredangle ACB \cong \measuredangle DCA$

Pr*ove* : $\measuredangle ABC \cong \measuredangle CDA$

3. ☆☆



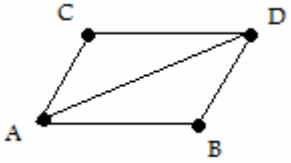
Given : $AB = DF$

$AC = DE$

$BC = EF$

Pr*ove* : $\measuredangle BAC \cong \measuredangle EDF$

4. ☆☆

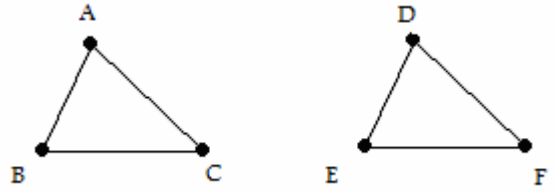


Given : $\overline{AC} \cong \overline{BD}$

$\overline{AB} \cong \overline{CD}$

Pr*ove* : $\measuredangle CAB \cong \measuredangle CDB$

5. ☆☆



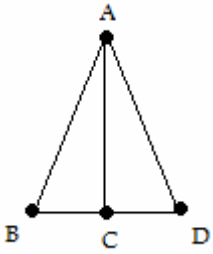
Given : $\measuredangle ABC \cong \measuredangle DEF$

$\measuredangle ACB \cong \measuredangle EFD$

$\overline{BC} \cong \overline{EF}$

Pr*ove* : $\overline{AB} \cong \overline{ED}$

6. ☆☆☆



Given : $\overline{AC}$ is the $\perp$ bisector of $\overline{BD}$

Pr*ove* : $\overline{AB} \cong \overline{AD}$

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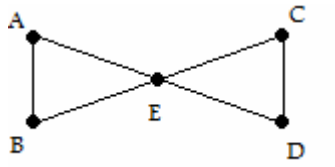
7. ☆☆☆

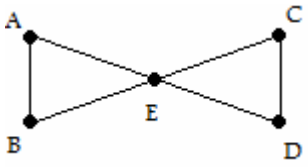


Given : E is the midpoint of $\overline{BC}$

E is the midpoint of $\overline{AD}$

Prove : $\overline{AB} \cong \overline{CD}$

8. ☆☆☆

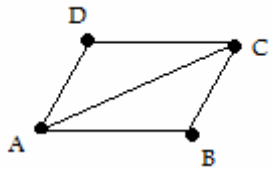


Given : $\overline{BC}$ bisects $\overline{AD}$

$\overline{AD}$ bisects $\overline{BC}$

Prove : $\overline{AB} \cong \overline{CD}$

9. ☆☆☆

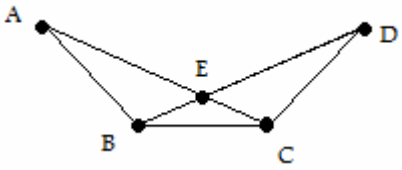


Given : $\overline{AD} \parallel \overline{BC}$

$\overline{AB} \parallel \overline{CD}$

Prove : $\measuredangle ADC \cong \measuredangle ABC$

10. ☆☆



Given : $\overline{AB} \cong \overline{CD}$

$\overline{AC} \cong \overline{BD}$

Prove : $\measuredangle BAC \cong \measuredangle BDC$